

Hill AFB Falcon Star

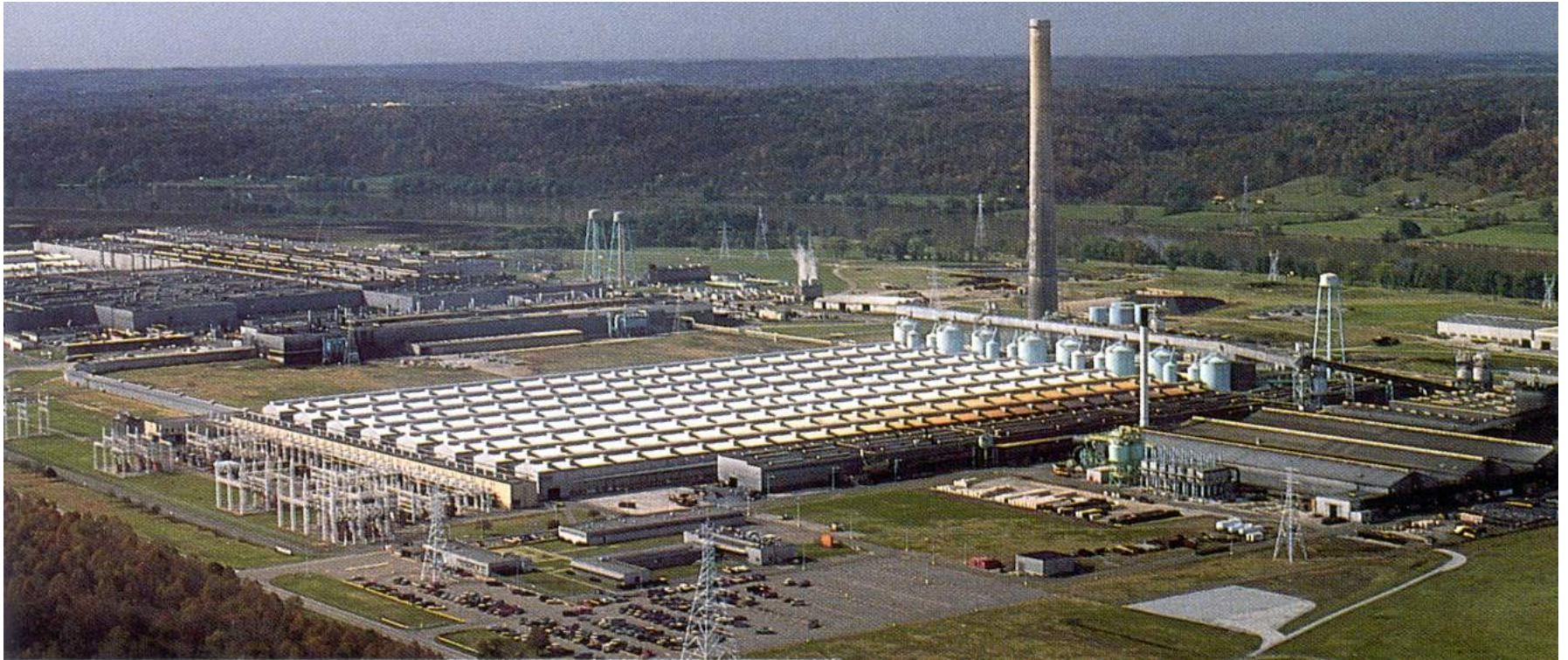


June 30, 2005

Agenda

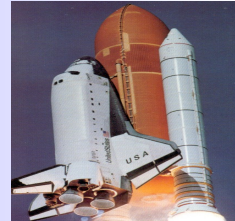
- Ravenswood Presentation
- History of Alcan Buyout
- Investments and Improvements
- Al-Li Plate from Ravenswood

Pechiney Rolled Products Alcan ATI Division Ravenswood, WV



Markets Served

- **Aircraft/Aerospace/Defense**
- **General Engineering Plate**
- **Automotive Braze**
- **Truck Trailer & Bodies**
- **Railcar**
- **Marine**
- **Distribution**
- **Building/Construction**



Unique Capabilities at Ravenswood

- One of the worlds largest aluminum rolled products production facility
- Large cast house recently upgraded including new state of the art DC furnace built in 2000
- 168" (4267mm) break down mill, with five stand continuous mill
- 3 cold mills
 - Five stand continuous mill
 - 72" (1828 mm) single stand
 - 130" (3302 mm) single stand - largest cold mill in North America
- Worlds largest plate stretcher
- Widest leveling line in North America 120" (3048 mm)

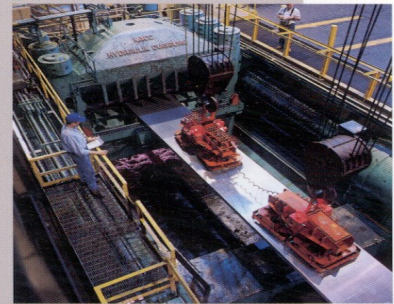
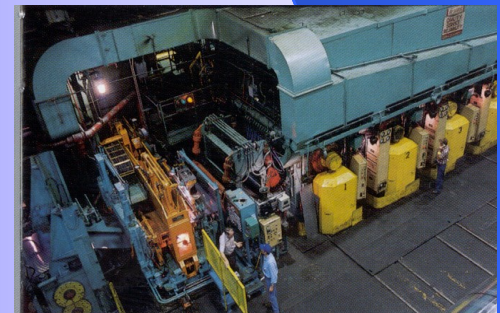


PLATE STRETCHER



PLATE PROFILER



FIVE-STAND COLD MILL

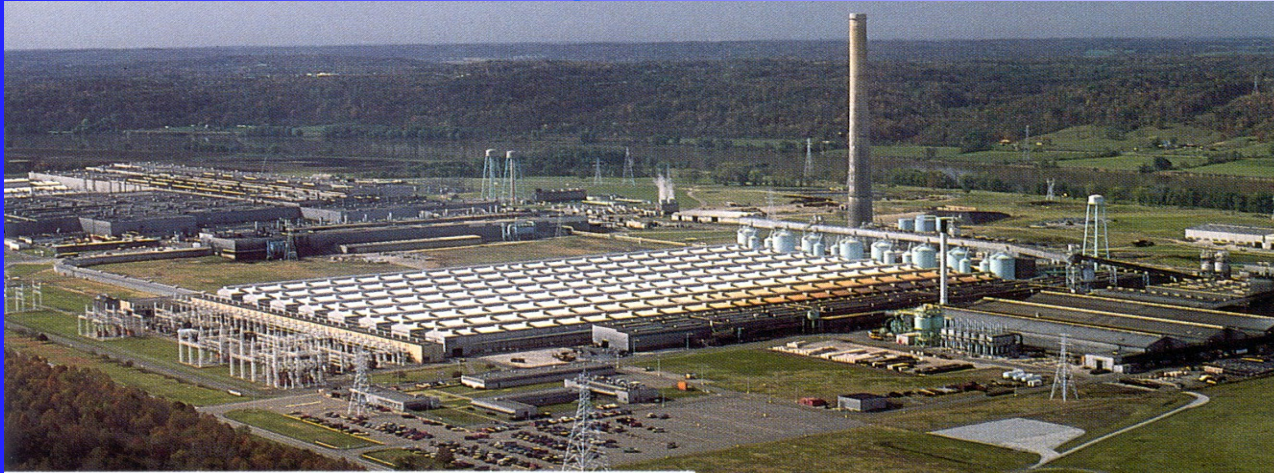
Aerospace Plate

- **Ravenswood aerospace markets include:**
 - **commercial aerospace**
 - **defense industries**
- **2nd largest supply position in North America**
- **World unique capabilities due to Stretcher power**
- **2xxx and 7xxx series alloys**
- **End products include: aircraft spars, frames, ribs and bulkheads**
- **Blue chip customer base : Airbus, Boeing, Bombardier, Embraer, Lockheed Martin,**

Alcan Buyout Update



Pechiney / Alcan / DOJ



- ***2003 July; Alcan makes hostile bid for Pechiney***
- ***Fall of 2003; Pechiney eventually accepts Alcan offer***
- ***DOJ investigates potential market overlaps in North America***
- ***Overlap is found in automotive brazing sheet business***
- ***DOJ OK's deal for Alcan if Ravenswood is divested***
- ***Deal is completed in December '03,***
- ***December 2004 Alcan "spins off" Novelis Group.***
- ***Jan 2005 DOJ lifts Hold Separate***
- ***Ravenswood now part of Alcan's ATI Group***

Investments

- Over \$100 million investment in the Ravenswood facility in the last four years
 - Casting: Capability to cast large ingots , environmental compliance , productivity improvement .
 - New stress relief & homogenization furnace : Temperature accuracy and reduce cracking
 - Hot Line : Improved thickness and flatness tolerance , improved productivity , improved coolant quality
 - Plate : Increase Heat treat , age and sawing capacity , improvement of Sonic reliability
 - Cold Mills : Improved flatness tolerance on 130inch mill , improve coolant quality
 - MIS
- Investments and comprehensive preventive maintenance program continue today

Improvements

- Improvements in :
 - On Time Delivery
 - Quality
 - Reliability
 - Productivity

Ravenswood Al-Li History

2002

- Purchased McCook's assets and intellectual property as it relates to Al-Li.
- Moved necessary equipment and transferred production practice to Ravenswood.
- Casting Station left in McCook as stand alone business.

Al-Li History

2003

- Qualified to produce 1.625" thick through 6.0".
- Decision made to close McCook casting facility
- Pre-produce ingots and hold at Ravenswood for production and completion of contracts.

Al-Li History

2004

- Completed casting for all orders except LM Shuttle contract.
- Closed McCook casting
- Transferred casting equipment to Alcan's Dubuc casting facility.
- Continued to roll Al-Li plate at Ravenswood

Al-Li Today

- Completion of all LM Aero open requirements September 2005
- Qualification of LM Shuttle Tank Ingot expected by July 2005.
- Completion of Shuttle ingot cast 2007.
- Completion of Shuttle order late 2008.
- Currently producing trial ingots for next generation of Al-Li
- Trial ingots being rolled and tested at Ravenswood.

Ravenswood's Current 2297 Position

- Only US producer qualified to roll 1.625"- 6.0" thick.
- Dubuc casting facility ready to cast.
- Need LM qualification of ingot casting facility.

Qualification & Production Time Line

- Estimate 4-5 months for qualification.
- Once qualified 3-4 months to deliver finished plate.

2297 production plan

- Campaign cast 50 ingots.
- Maximum capacity of 2 ingots per day.
- Campaign rolling of 25 ingots minimum
- Two rolls per year.